STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 1

Date Started 10/14/08
Date Completed 10/15/08

ROUTE _____ DESCRIPTION Short St. Bridge over E. Br. DuPage River

SECT. _____ STRUCT. NO. _____ DRILLED BY TSC/L-72,343

COUNTY DuPage LOCATION SW Corner of Bridge S. 10 E½, TWP. 38N, RNG. 10SE

Boring No. SB-1
Station _____
Offset _____ ft
Surface Elev. 667.90 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling 654.9
at Completion Rotary Wash
after _____ Hrs. _____

Description	Elev.	Depth	Blows	Qu tsf	W %
FILL - Black clayey TOPSOIL	667.40				
FILL - Brown and gray Sand and Crushed Limestone, moist	666.40		5 5 7	P 1.5	4.5 11.0
FILL - Brown CLAY LOAM, little gravel, moist A-6	664.90				
FILL - Brown and gray Sand and Crushed Limestone, occasional clay pieces, moist		-5	8 10 12		7.3
			6 6 9		6.7
	659.90				
FILL - Brown and gray CLAY LOAM, trace gravel, trace organic, moist A-6/A-7-6	657.40	-10	6 7 7	P 1.5	17.5
Med. dense brown and gray SAND and GRAVEL, moist to saturated A-1		-15	9 10 12		
			8 12 10		
		-20	4 6 8		
			5 10 8		
		-25	10 7 6		
			5 12 17		

Description	Elev.	Depth	Blows	Qu tsf	W %
Very dense brown and gray SAND and GRAVEL, occasional Cobbles and Boulders, saturated A-1	642.40		13 50/4"		
Loose gray SILTY LOAM, little gravel, very moist A-4	639.90	-30	5 3 2		
			2 1 2		14.2
Med. dense gray SAND and GRAVEL, occasional Cobbles and Boulders, saturated A-1	632.90	-35	2 4 5		
Probable weathered and fractured Dolomite Rock, hard drilling	630.40		8 9 11		
Core Run-1: 39.5 to 43.5 ft. Recovery = 94% RQD = 58%	628.40	-40	20 5/5"		16.5
Light gray to white Dolomite, thick bedded,m slightly mottled, contains 5-10% small pinpoint vugs, fractured at 41.5'	624.40				
Core Run-2: 43.5 to 49.5 ft. Recovery = 100% RQD = 90%		-45			
Light gray Dolomite, thick bedded, relatively pure, mottled dark gray, contains 10-15% small pinpoint vugs, slight hairline fractured throughout, occasional fossil					
End of Boring at 49.5'	618.40	-50			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

ILDOT_BORING 72343.IDOT.GPJ IDOT.GDT 10/30/08

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 1

Date Started 10/9/08
Date Completed 10/9/08

ROUTE _____ DESCRIPTION Short St. Bridge over E. Br. DuPage River

SECT. _____ STRUCT. NO. _____ DRILLED BY TSC/L-72,343

COUNTY DuPage LOCATION NE Corner of Bridge S. 10 E½, TWP. 38N, RNG. 10SE

Boring No. SB-2
Station _____
Offset _____ ft
Surface Elev. 668.00 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling 652.5
at Completion Rotary Wash
after _____ Hrs. _____

Description	Elev.	Depth	Blows	Qu tsf	W %
FILL - Dark brown CLAY LOAM, trace gravel, trace organic, moist A-6/A-7-6	665.00		3 5 5	P 1.0	17.4
FILL - Brown SAND and GRAVEL, moist A-1	662.50	-5	5 10 7		5.0
FILL - Brown clayey SAND and GRAVEL, moist A-1-a	660.00		3 4 6		13.1
FILL - Dark brown CLAY LOAM, trace gravel, trace organic, moist A-7-6	657.50	-10	3 4 4	P 1.0	21.6
FILL - Black and gray CLAY, trace gravel, moist A-7-6	655.00		2 2 4	P 0.5	32.2
Med. dense brown and gray SAND, little gravel, moist to very moist A-1-b	652.50	-15	8 10 14		11.4
Med. dense to dense brown and gray SAND and GRAVEL, saturated A-1	647.50	-20	9 15 16		
Very stiff gray CLAY, trace gravel, moist A-6	645.00		9 5 8	B 1.815%	12.3
Dense to very dense gray SAND and GRAVEL, occasional Cobbles and Boulders A-1		-25	5 17 22		

Description	Elev.	Depth	Blows	Qu tsf	W %
Dense to very dense gray SAND and GRAVEL, occasional Cobbles and Boulders A-1	636.00		11 15 16		
		-30	25 50/5"		
Med. dense gray SANDY LOAM, little gravel, very moist A-2-4	631.00	-35	7 8 12		12.4
Dense to very dense gray SAND and GRAVEL, occasional Cobbles and Boulders, saturated A-1	624.00	-40	27 22 25		
		-45	75/5"		
Probable weathered and fractured Dolomite Rock, hard Drilling	621.90		75/½		
Auger Refusal at 46.1'		-50			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

ILDOT_BORING 72343.IDOT.GPJ IDOT.GDT 10/30/08

PROJECT Bridge Replacement, Short Street Bridge over E. Br. DuPage River, Lisle, IL
CLIENT Bollinger, Lach & Associates, Inc., Itasca, Illinois
BORING HA-1 DATE STARTED 10-16-08 DATE COMPLETED 10-16-08 JOB L-72,343

ELEVATIONS
GROUND SURFACE 656.7
END OF BORING 646.7

WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING 3.5'
▽ AT END OF BORING 3.5'
▼ 24 HOURS

Sample No.	Type	N	WC	Qu	γDRY	Depth	Elev.	Soil Descriptions
1	SS		18.6	1.0*	112			FILL - Black and brown CLAY, trace organic, moist A-6/A-7-6
						3.0	653.7	▽
2	SS		7.5					FILL - Gray GRAVEL, some sand, saturated A-1-a
3	SS		8.4					
A 4B	SS		8.1 14.4	2.5*		9.0	647.7	Very stiff gray CLAY, trace gravel, moist A-6
								End of Boring at 10.0'

* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

PROJECT Bridge Replacement, Short Street Bridge over E. Br. DuPage River, Lisle, IL
CLIENT Bollinger, Lach & Associates, Inc., Itasca, Illinois
BORING HA-2 DATE STARTED 10-16-08 DATE COMPLETED 10-16-08 JOB L-72,343

ELEVATIONS
GROUND SURFACE 657.4
END OF BORING 647.4

WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING 3.0'
▽ AT END OF BORING 3.0'
▼ 24 HOURS

Sample No.	Type	N	WC	Qu	γDRY	Depth	Elev.	Soil Descriptions
1	SS		20.3	1.0*	99			FILL - Black and brown CLAY, trace organic, moist A-6/A-7-6
						3.0	654.4	▽
2	SS		7.4					FILL - Gray SAND and GRAVEL, trace silt and clay, saturated A-1
3	SS		11.1					
A 4B	SS		8.9 15.6	1.5*		9.0	648.4	Stiff gray CLAY, trace gravel, moist A-6
								End of Boring at 10.0'

* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

DESIGNED	-
CHECKED	-
DRAWN	- GM
CHECKED	- SRT

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

SHEET NO. 18	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
18 SHEETS	-	03-00050-00-BR	DuPAGE	45	39
			CONTRACT NO. 63468		
	FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT	BRM-8003 (676)	